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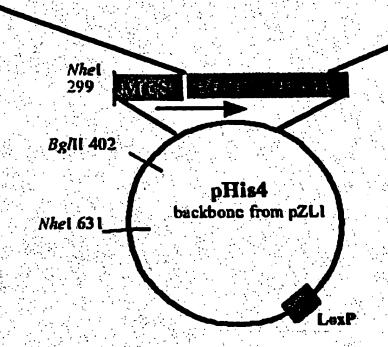
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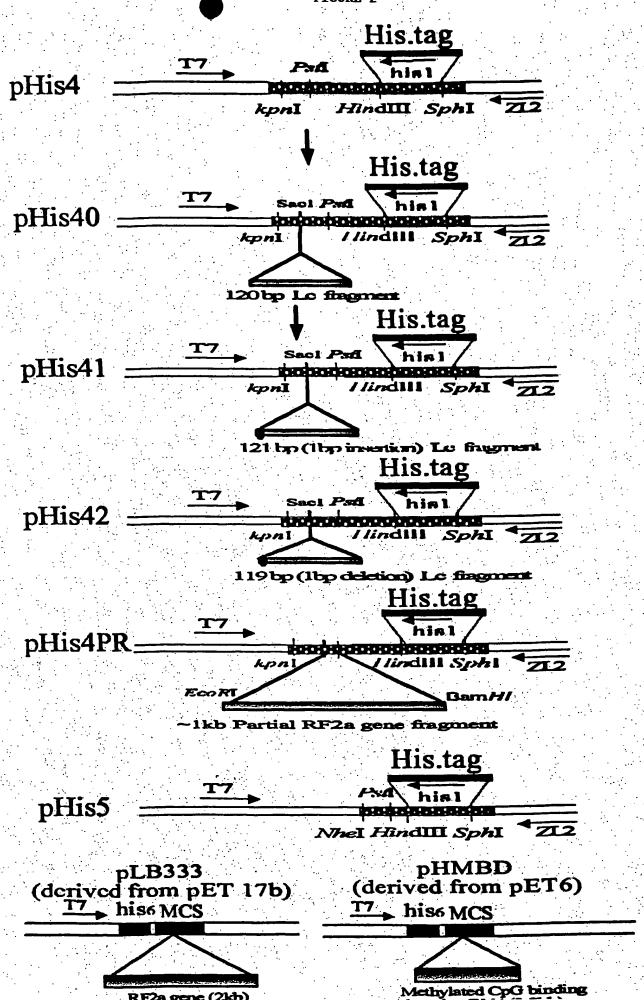
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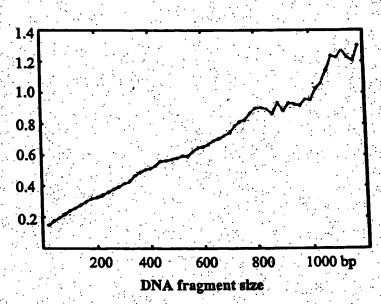


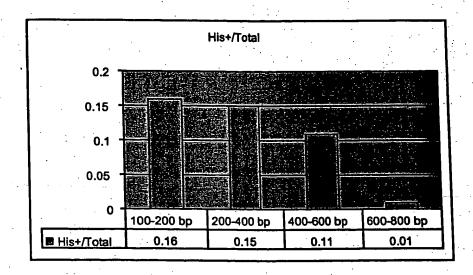
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RF2a sene (2kh)

Correct translation non-organismal protein





T7 promoter

$\underline{TAATACGACTCACTATAG}GGAGACCACAACGGTTTCCCTCTAGAAATAATTT$

TGTTTAACTTTA<u>AGAAGGA</u>GATATACATATGGCATGGCATGGCCA Ribosome binding site Triple-ATGs

Figure 5A

Figure 5 B

Plasmid library (dsDNA)

Production of ssDNA in vivo and Purification of ssDNA by HAP

Flow-through: ssDNA Tracer

Chromatography

PCR amplification dsDNA Driver





Denaturation and Hybridization (Cot~5)



HAP Flow-through



Conversion of ssDNA to dsDNA and transformed into E. coli

Normalized library (O)(O)(O)



(Method of Marcelo Bento Soares, Genome Research 6: 791-806, 1996)

BLAST analyses of ORF Rescue Fragments

